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FORM PTO-1449 <u>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5080001/RWE/CJW	APPLICATION NO. 09/986,750
	APPLICANT Pires et al.	
	FILING DATE November 9, 2001	GROUP 1635

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
JDS	AG1	4,419,509	12/06/1983	Hsiung			08/24/1981
JDS	AH1	4,965,349	10/23/1990	Woo et al.			12/24/1987
	AI1	5,428,148	06/27/1995	Reddy et al.			04/24/1992
	AJ1	5,472,672	12/05/1995	Brennan			10/22/1993
✓	AK1	5,518,651	05/21/1996	Reddy et al.			06/08/1994

FOREIGN PATENT DOCUMENTS

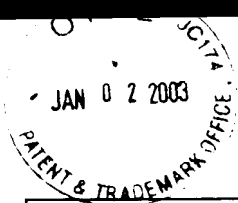
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JDS	AM1	EP 0 323 152 A2	07/05/1989	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JDS	AN1	EP 0 786 468 A2	07/30/1997	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AO						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AP						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
JDS	AS	4	Boal, J.H., et al., "Cleavage of oligodeoxyribonucleotides from controlled pore glass supports and their rapid deprotection by gaseous amines," Nucl. Acids Res. 24:3115-3117, Oxford University Press (1996).
JDS	AT	4	Matteucci, M.D., and Caruthers, M.H., "Synthesis of Deoxyoligonucleotides on a Polymer Support," J. Am. Chem. Soc. 103:3185-3191, American Chemical Society (1981).

EXAMINER

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JDS	AA2	5,529,756	06/25/1996	Brennan			07/13/1995
	AB2	5,539,097	07/23/1996	Arnold Jr.			07/08/1994
	AC2	5,738,829	04/14/1998	Kempe			02/15/1996
	AD2	5,756,705	05/26/1998	Wang			03/05/1997
	AE2	5,804,375	09/08/1998	Gelfand et al.			04/25/1995
	AF2	6,255,476 B1	07/03/2001	Vinayak et al.			02/22/1999
	AG						
	AH						
	AI						
	AJ						
	AK						

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JDS	AR	5	Reddy, M.P., et al., "Fast Cleavage and Deprotection of Oligonucleotides," Tetrahedron Lett. 35:4311-4314, Elsevier Science Ltd. (1994).
JDS	AS	2	"Alternatives to Expedite Monomers," Glen Research, Online Product Information, 2 pages, Glen Research, available at << http://www.glenres.com/ExtraPages/Alternatives.html >> 2 pages (accessed May 20, 1999).
	AT	5	"Ac dC," Glen Research, Online Product Information, Glen Research, available at << http://www.glenres.com/ProductFiles/Information/1615.htm >>

EXAMINER: Initial in reference considered, whether or not citation is in conformance with MPEP 2112. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JW	AR	6	"Solid phase phosphoramidite oligonucleotide synthesis," in <i>Oligonucleotides and Analogues: A Practical Approach</i> , Eckstein, F., ed., Oxford University Press, New York, NY, Chap. 2.2, pp. 4-9 (1991).
-11	AS	6	International Search Report for International Patent Application No. PCT/US00/14274, mailed August 31, 2000
15	AT	6	Supplementary European Search Report for European Patent Application No. EP 00937701, dated June 1, 2000

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

556	AR	2	Copy of co-pending U.S. Application No. 09/576,555, Gebeyehu et al., filed May 24, 2000.
	AS		
	AT		

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